

1 What is claimed is:

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3 sub 2 1. A data communication system comprising:

4 a first network including a first plurality of nodes, said first network having a first
5 network address;

6 a second network including a second plurality of nodes, said second network having a
7 second network address; and

8 means for forwarding, from said first network to said second network, message
9 information received at said first network and addressed to a first node of said first plurality of
10 nodes when said first node establishes communication with said second network.

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12 2. The data communication system of claim 1 wherein said means for forwarding
13 includes an internetworking node included within said first plurality of nodes and within said
14 second plurality of nodes.

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16 3. The data communication system of claim 2 wherein said internetworking node
17 includes:

18 means for receiving a first set of network information relating to said first
19 network from said first plurality of nodes, said first set of network information
20 identifying a first network access point associated with said first network wherein said
21 message information is available from said first network access point; and

22 means for transmitting, to one of said second plurality of nodes, said first set of
23 network information and an identity of said internetworking node.

24 4. The data communication system of claim 3 wherein said one of said second plurality
25 of nodes includes means for broadcasting said first set of network information, said first node
26 including means for receiving said first set of network information broadcast by said one of
27 said second plurality of nodes upon establishing communication with said second network.

28 5. The data communication system of claim 1 wherein said means for forwarding
29 includes means for transmitting said message information over a communication link between
30 one of said first plurality and one of said second plurality of nodes.

1 6. A data communication system comprising:

2 a first network including a first plurality of nodes, said first network having a first
3 network address and a first network access point for receiving message information directed
4 to said first network;

5 a second network including a second plurality of nodes, said second network having a
6 second network address; and

7 an internetworking node means for forwarding at least a portion of said message
8 information from said first network access point to said second network when one of said first
9 plurality of nodes establishes communication with said second network.

10 7. A data communication system comprising:

11 a first wireless network including a first plurality of wireless nodes, said first network
12 having a first network address;

13 a second network including a second plurality of wireless nodes, said second network
14 having a second network address; and

15 means for forwarding, from said first wireless network to said second wireless
16 network, message information received at said first wireless network and addressed to a first
17 node of said first plurality of wireless nodes when said first wireless node establishes
18 communication with said second wireless network.

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20 8. The data communication system of claim 7 wherein said means for forwarding
21 includes an internetworking node included within said first plurality of wireless nodes and
22 within said second plurality of wireless nodes.
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